Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Sunday 13 Dec 2020 until 23:59 on Monday 14 Dec 2020

Forecast Issued on Saturday 12 Dec 2020 at 12:34

Confidence: High confidence for the beginning of the period but lower confidence in the forecast from Wednesday.

Headline for Sunday 13 Dec 2020: After a dry start, rain soon spreading in and becoming very windy.

Mountain weather hazards on Sunday 13 Dec 2020

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
Medium Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Cloudy	Dull	Light rain	Heavy Rain	Heavy Rain	Light rain	Heavy Rain
Precipitation probability							
10%	10%	20%	50%	60%	70%	50%	70%

Forecast for Sunday 13 Dec 2020

Weather: Mainly dry overnight but cloud thickening and lowering around dawn. Soon after daybreak a band of rain will spread into the Yorkshire Dales from the west. The rain may be sleet or snow on the highest tops at first. Rain will be heavy at times and quite persistent through the middle of the day becoming lighter and more drizzly by nightfall.

Chance of cloud free mountain/hill tops above 600m: In the early morning there is a slight chance of cloud free tops but for most of daylight hours the hill tops will be shrouded with extensive low cloud above 4-500m.

Visibility: Visibility will be moderate but become quite poor in heavier rain in the afternoon. In general navigation will be tricky at height.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Sunday 13 Dec 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/10 SW	7/11 S	11/18 SE	18/28 SE	24/36 SE	24/36 SE	21/32 S	22/33 S	22/34 S
300	3/8 SW	3/7 SE	5/15 SE	13/28 SE	16/34 SE	15/34 SE	13/29 S	15/31 S	15/31 S
Valley	2/5 E	4/9 SE	8/17 SE	13/28 SE	16/35 SE	15/36 SE	13/29 S	14/31 S	14/31 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-1	2/-1	2/-3	1/-5	2/-5	3/-3	6/1	6/1	6/0
300	3/2	3/2	3/1	4/-1	4/-1	6/1	8/5	8/5	8/4
Valley	4/3	4/2	4/1	5/1	6/2	8/4	10/7	10/7	9/6
Freezing Level*	900m	900m	800m	1200m	2200m	2100m	1700m	1600m	1500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Freezing level will rise rapidly in the morning with any wintery precipitation soon turning to rain. Some very strong gusts on the hill tops in the afternoon.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sat 12 Dec 2020	1.8mm	11mm	11.6mm

Forecast for Monday 14 Dec 2020

Weather: Showery outbreaks of rain – some of these will be heavy. Perhaps some breaks in the cloud out with showers and less frequent showers in the afternoon.

Maximum wind: Southerly 25-30mph with gusts 40-45mph

Chance of cloud free mountain/hill tops above 600m: 40%, scattered cloud will shroud the tops at times especially around more southerly dales.

Visibility: Mainly moderate or good but becoming poor at times in rain.

Temperature: **Valleys:** Plus 8 celsius.
At 600m: Plus 3 celsius
Freezing level: Above the summits.

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